

Is your pool draining your wallet?



Pool Stats

Location: EastLake
Chula Vista (91914)
Pool Size: 32,062 gallons

Comparisons:

Old Pump: Single Speed
New Pump: Variable Speed

HORSEPOWER

Old Pump: 2 HP
New Pump: 3 HP (max)

WATTS

Old Pump: 2,416W
New Pump: Filtering 141W
Cleaning 1,106W

ELECTRICITY

Old Pump: 514kWh/month
New Pump: 133 kWh/month

FLOW

Old Pump: 120 GPM
New Pump: Filtering 41 GPM
Cleaning 89 GPM

HOURS/DAY

Old Pump: 7 hours
New Pump: Filtering 7.5 hours
Cleaning 3 hours

MONTHLY COST

Old Pump: \$138.81
New Pump: \$35.91

MONTHLY SAVINGS: \$102.90

Installation Contractor:
Eastlake Pools*, Chula Vista, CA

www.chulavistaca.gov/goto/hucd

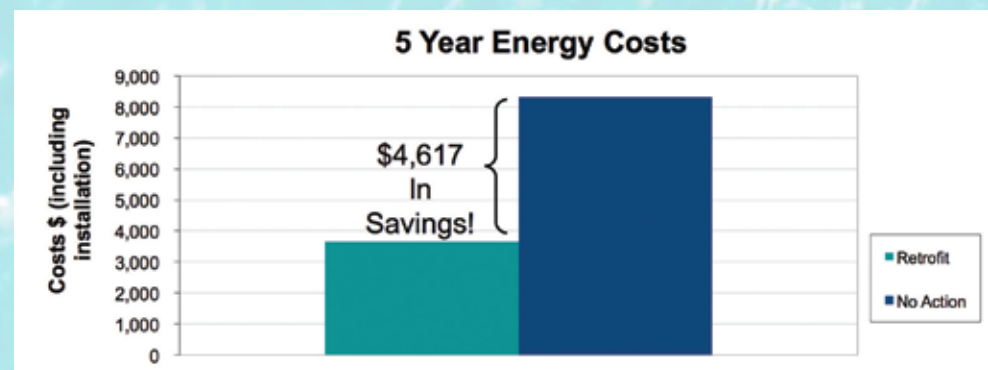
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Case Study: the Kamali Family

The Kamali family loved their pool but didn't love paying the high electric bill that came with it every month. After speaking with a trained and licensed pool service contractor, they found out they could upgrade their 2-horsepower single speed pool pump to a variable speed pump that runs longer but at significantly lower power. Since the new pump was installed, it is saving more than \$100 per month when compared to the old pump, and the timer has been re-programmed so the cleaning cycle does not run between the peak demand hours of 11 a.m. and 6 p.m. They have also found that their new pump has improved the pool's water quality and is much quieter!

The Kamalis and their contractor took advantage of SDG&E's \$200 rebate which lowered the net installation cost to \$1,500 - and with the energy savings the new system provides, their up front investment will be paid back in less than two years! They also talked with their contractor about future cost savings and learned that their \$1,500 investment will save them more than \$4,600 on their energy bills over the next five years.





DID YOU KNOW THAT THE LARGEST ENERGY USER IN YOUR HOME MIGHT BE YOUR POOL PUMP?

Figures below are annual estimations:

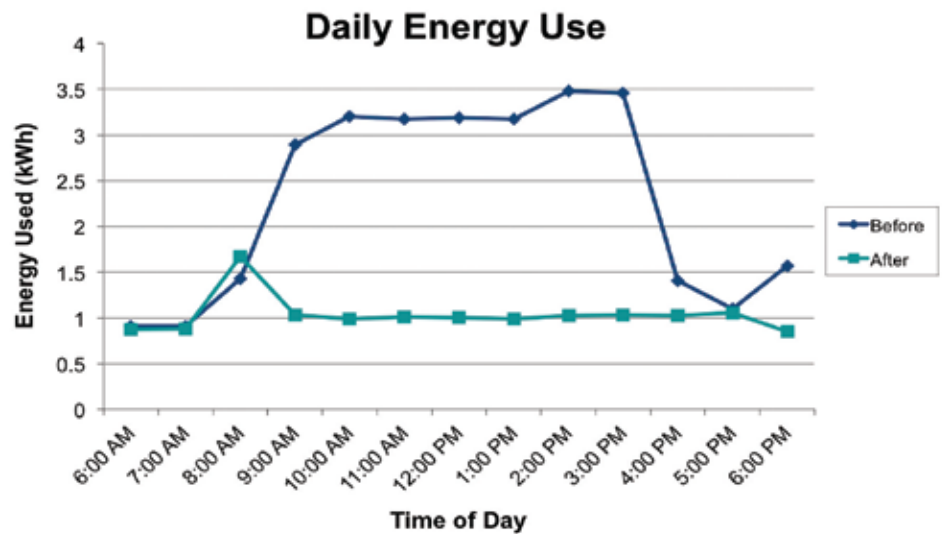
- Clothes Washer: 110 kWh
- Central A/C: 439 kWh
- Television: 620 kWh
- Refrigerator: 725 kWh
- Water Heater: 2,149 kWh
- **Pool Filter Pump: 3,794 kWh**

Source: 2010 CEC CA Residential Appliance Saturation Survey

Reduce your pool pump's electricity use by up to 70%! Convert to a variable speed model.

Upgrade your pump and reduce your bills! Variable speed pumps run at lower speeds and use up to 70% less energy during hot summer months. ***This means you can keep your pool clean and your energy bills low!*** The chart below shows one day's energy use before and after a pool pump retrofit.

"We were excited that our energy bill came in \$100 less just as our pool contractor predicted" - Ray Kamali, Home Owner



The energy savings will pay for the cost to upgrade in less than two years! If you have a pool, contact a licensed contractor and learn how retrofitting your pump will start saving you money today!

To learn more about rebates or to schedule a free home energy evaluation, visit www.chulavistaca.gov/goto/hucd or call (619) 409-3893.



www.chulavistaca.gov/goto/hucd

This initiative is part of the City of Chula Vista's Local Government Partnership program, which is funded by California utility ratepayers and administered by San Diego Gas & Electric® under the auspices of the California Public Utilities Commission.